From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: pelt@vt.edu (Randy Pelt)
Subject: [1862] 40 Meter Small Yagi
Message-ID: <199512260204.VAA27949@quackerjack.cc.vt.edu>

I have been looking to build a reduced sized yagi for 40 meters. I found one described in the Feb 74 QST which is called the HW-40 (helically wound). I wonder if anyone has ever built this critter. I would be interested in any comments if anyone has built it.

Also, does anyone know of other reduced sized yagis for 40 in the literature?? I would be interested in hearing about those also.

Tnx

Randy Pelt
nz4i QRP-L #12
pelt@vt.edu

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: JCoote@aol.com
Subject: [1859] ??? Folded dipoles & loops = low noise?
Message-ID: <951225141506_23508512@mail02.mail.aol.com>

Has anyone on the List ever found anything to back up the statements that some amateurs make about folded dipoles and large loop antennas being "lower noise" antennas (compared to dipoles, verticals or random wires) ? It might be an interesting thread for the List.

Happy 1996!

Jay WB6AAM
jcoote@aol.com

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: wdzeares@ix.netcom.com (W. Dennis Zeares)
Subject: [1861] FS: Argonaut but....

Message-ID: <199512260118.RAA16085@ix4.ix.netcom.com>

I have a very, very clean and very "hot" Argonaut 509 with working CW filter 208, and electret condenser mic TT 700 for sale....but the Argo has a sluggish PTO. I have purchased the PTO rebuild kit from Ten Tec for $15 plus shipping. The 509,208,700 are worth at least $280.

The kit requires dexterity and patience. The directions are very good and a number of the qrp-l members have e-mailed me that the rebuild works and is very workable. Being a cancer patient, I am not able to perform this task....and I need to sell the rig to help pay for the used all band rig I just purchased....

The Argo is hot. On the table beside the other rig, the Argo receiver is better and the transmitter puts out 5 watts on 20 as per the wattmeter in the tuner and compared to the 5 watts out of the other rig. I have made many contacts on 20 and 40 with the Argo and an indoor dipole. The new rig is all bands and gen coverage receiver etc.---its a trade off...

I will take $250 for the 209,208,700 and the rebuild kit, but you would have to rebuild the PTO, but you would then have a very fine rig...

I do not wish to insult anyone with this offer and I will withdraw the offer if anyone is offended. The rig worth every penny but does have the "very common" PTO problem.

e-mail direct to wdzeares@ix.netcom.com
Oh yes and as for me I am very happy...this is my "first" Christmas after cancer surgery and looking forward to many more...

73's/72's and Happy Holidays
Dennis K3ETS, Dallas, Texas

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1857] Stats Summary
Message-ID: <199512251238.MAA02152@chuck.dallas.sgi.com>

OK, you asked for it. Here are the numbers.

3,263 ARCI numbers that I have
1,260 NorCal numbers
  604 QRP-L calls (either lots of people didn't sub right or

we have a lot of people working on licenses)

539 belong to both ARCI and NorCal
216 belong to both NorCal and QRP-L
294 belong to both ARCI and QRP-L

164 belong to ARCI and NorCal and QRP-L

I was surprised to see the intersection of the three groups
be a little smaller than I had hoped for.

So, having the data, I ran another series of grep's (UNIX command)
and 'wc' to get the following data. Now I have only US data for
ARCI as evidently Mike B. has a separate dataset for International.

Call Area	QRP-L	ARCI	NorCal
0	52	296	82
1	49	260	54
2	61	270	80
3	48	277	68
4	77	420	86
5	75	388	99
6	80	396	476
7	67	295	135
8	54	337	77
9	37	283	45

This last chart is an approximation as I know there are few hams
who don't live the area where they are supposed to. :-) That
outta start a lively little thread, but don't. :-) It's a joke
people.

Even though CA is known as the land of the kilowatts it looks
like the NorCal group has single handly turned that trend around.
But then again we need the distribution of hams in the US by
call district. It's probably not too out of line.

I found N2CX, NF0R, NK3R, N9RKB, and N2MNN more than once in the
QRP-L listing. Hmmm. Multiple subscriptions? You guys reading
this list at work and at home? :-) Jim E. can fix this.

FYI
--
Chuck Adams (K5FO CP-60) adams@sgi.com

Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: KT3A@aol.com
Subject: [1858] Re: ?? on flying with qrp rigs and hotel antenna's
Message-ID: <951225092407_23386464@mail02.mail.aol.com>

In a message dated 95-12-23 09:59:58 EST, you write:

> I don't want to be delayed by inquisitive security
>people at the terminal. I never check by baggage so anything I take, I carry
>on the plane. Should I expect any problems?
>
>
Peter,
I used to take my 2 meter HT everytime I flew commercial.
I packed a NiCad charging transformer along in my briefcase.
I never had a problem. I went through security with a friend
who had a Kenwood R1000. He was asked to open the baggage
and when the guards saw the radio there were no problems.
If you pack a lot of wires and cables in your bag with the rig,
it sometimes appears to be a bomb. I always checked the
accessories and hand carried the baggage with the rigs in.

As for antennas, you may want to try a random wire with a
tuner and counterpoise for the bands of interest. Just string the
antenna out of a window or off the balcony into the shrubs or a
tree. If you use small wire, no one will see it after dusk. Just
simply tape it out of the way. The big thing is to get it out of the
room!

72 de cameron, kt3a

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: Ptcandy@aol.com
Subject: [1864] Re: ?? on flying with qrp rigs and hotel antenna's
Message-ID: <951225214748_23718724@mail04.mail.aol.com>

Thanx agn for the info. It seems to me that rather than using a random length
of wire out the window with a counterpoise, wouldn't it make sense to make a
half wave antenna connected to some sort of impedance matching transformer? A
half wave antenna does not require a counterpoise and it would seem to make

things simple. Also, can you use the ole MFJ antenna tuner to match the impedance? The only problem I can see is changing the length of the antenna when changing bands. I am sure there is more to this.

Thanx again.
Peter N2KPY

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: Aa4xx <aa4xx@nando.net>
Subject: [1860] Re: Beacon Report
Message-ID: <Pine.SUN.3.91.951225171023.5242B-100000@bessel.nando.net>

Jim,

Congratulations to W8AC in Chardon, OH for copying the 40 M beacon codeword today at 250 uW! In addition, you are apparently the only station who heard any of the 100 uW beacon string this session.

Please tell me about your antenna and receiver.

We will send a microwatt certificate to you within the next two weeks. Great job, Jim!!

72 and Happy New Year,

Paul, AA4XX

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [1865] Re: QRP Antennas
Message-ID: <Pine.SUN.3.91.951225195206.16035D-100000@ume>

I would aggree with the comments made by Charles. I too, use an inverted vee with 44 foot legs and an apex ht. of 60 feet. It works (and models on the computor) very well on 80 thru 30 m. It loads up fine 20 thru 2 meters but the radiated pattern is less than desirable for those bands when compared to an equivalent half wave dipole of the same type or even a quarter wave vertical on the roof. The inverted vee pattern for these bands is very different compared to the flat top (horizantal) pattern. This is discussed in some detail in the current ARRL handbook and in the 4th Antenna Compendium.
Don't get me wrong, the antenna will work and you will make lots of contacts, but you will work more dx on the high bands if you can get the antenna horizantal or but up a separate (shorter) dipole or inverted vee

(eg 25 to 35 total length.)

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From qrp-l@lehigh.edu Mon Dec 25 21:14:09 1995
From: Ptcandy@aol.com
Subject: [1863] Re: SWR question
Message-ID: <951225214734_23718573@mail06.mail.aol.com>

Hi
I must have been full of the ole yule cheer when I made the origional
 posting. I was talking about two different antenna's. I have a dipole cut
for 40 meters fed with 450 ohm commercial twin lead to an mfj tuner. On 40,
the antenna seems to work fine. I am sure the performance could be improved
on 80. My thought was to add wire to the ends of the dipole and let the wire
hang down through the trees. The antenna is up about 45 feet now so adding an
extra 34 feet per leg would not be a problem. However, will the added antenna
wire touching a few branches hurt the performance? Any suggestions?

Thanks for all the responses.

Happy New Year.
Peter N2KPY